

20. (New) The method of claim 19, further comprising using the value to increase or decrease a width of the next periodic electronic pulse so that a pump flow rate can be controlled.

21. (New) The pump system of claim 16, further comprising determining that the next electronic pulse will occur at one of a half-cycle of oscillation and a full-cycle of oscillation after a previous electronic pulse.

REMARKS

Claims 2-21 are pending. By this Amendment, claims 1 is canceled without prejudice or disclaimer to the subject matter contained therein, and new claims 2-21 are added. Reconsideration in view of the above-amendments and following remarks is respectfully requested.

The Office Action objects to the specification. The specification is amended. Thus, withdrawal of the objection to the specification is respectfully requested.

The Office Action objects to claim 1. Claim 1 is canceled. Thus, the objection is moot.

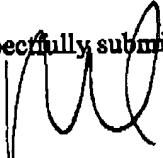
The Office Action rejects claim 1 under the judicially created doctrine of obviousness-type double patenting as being unpatentable over either claim 8 or 15 of U.S. Patent No. 6,616,413. Claim 1 is canceled. Thus, the rejection is moot.

In view of the foregoing amendments and remarks, this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 2 - 21 are earnestly solicited.

Application No. 10/659,074

Should the Examiner believe that anything further would be desirable in order to place this application in better condition for allowance, the Examiner is invited to contact Applicant's attorney at the telephone number set forth below.

Respectfully submitted,



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RSE

Attachments:

Form PTO/SB/22
Form PTO-2038

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